cellebrite
mobile data secured

UFED 1.1.9.0
Release Notes

BREAKING NEWS

BlackBerry® Breakthrough

SUPPORTING 7,529 DEVICE PROFILES

Release Highlights:

BlackBerry Physical Extraction

Exclusive!

- **BlackBerry physical extraction for unlocked devices, using Cellebrite's proprietary boot loaders, ensures a forensically sound process**
- Recovery of deleted data
- Decoding of BlackBerry OS versions 4, 5 ,6 and 7 physical extraction

Forensic Method	New	Total
Logical Extraction	59	3882
Physical Extraction*	208	1587
File System Extraction	118	1259
Password Extraction	4	801
*including GPS Extraction	389	7529

UFED CHINEX Now Available

- Physical extraction, decoding and user code (locked password) recovery for thousands of Chinese phones

Android New Features and Capabilities

- Android file system extraction and decoding
- Android Ext4 file system reconstruction
- Decoding of new applications: Y! Messenger and Dropbox

iOS Enhanced Support

- iOS 5 keychain real-time decryption revealing user passwords
- iOS 5.1 beta2 logical and file system extraction via the UFED

Unique Extraction Capabilities

Coming Soon

Samsung Galaxy S, SII & Tab
Android physical extraction and decoding, bypassing PIN/pattern lock

Motorola
Android physical extraction and decoding, bypassing PIN/pattern lock

Nokia BB5
Physical extraction and decoding, bypassing user lock code

Exclusive - BlackBerry Physical Extraction

Cellebrite is proud to be the first to release physical extraction for dozens of BlackBerry devices.

The physical extraction is performed using Cellebrite proprietary boot loaders in a forensically sound process. BlackBerry physical extraction is applicable for unlocked devices or devices with a known password. The extraction is carried out via the UFED connected to an external SD card storing the BlackBerry support package.

Physical extraction support is available for the following BlackBerry devices - Click for list.

Note - To enable BlackBerry physical extraction via the UFED Ultimate, you are required to upgrade your UFED license. **This license upgrade is free of charge for UFED Ultimate users.** Please log in to my.cellebrite.com and click on request for BlackBerry Physical license.
For additional information please read the BlackBerry Physical Activation Manual.

Enhanced Decoding of BlackBerry Physical Extraction - BlackBerry OS 4

UFED Physical Analyzer introduces decoding of BlackBerry physical extraction from devices running BlackBerry OS version 4 in addition to the currently supported BlackBerry OS versions 5, 6 and 7.
The following content is decoded: device info, address book, SMS, call logs, MMS (including attachments), email (excluding attachments), installed applications, paired Bluetooth devices, BlackBerry Messenger contacts, chats and much more.

Decoding of BlackBerry Messenger Contact List

BlackBerry Messenger contact list is now decoded out of BlackBerry file system extraction.
The BlackBerry Messenger contact list is presented under the contact and contains the display name, PIN and email.
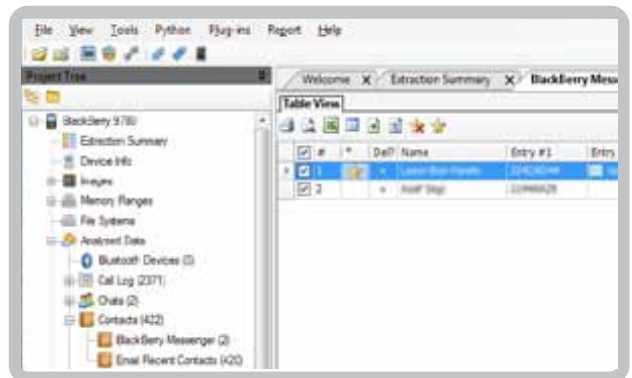
mycellebrite

Don't forget to register your license at my.cellebrite.com.
Registration guarantees that you receive vital information and updates relevant to your UFED System.

UFED CHINEX

Cellebrite is pleased to announce the release of the UFED CHINEX, a state-of-the-art product designed to address the growing need for Chinese mobile device forensics. UFED CHINEX enables users to perform physical extractions and decoding of thousands of Chinese mobile devices.

UFED CHINEX seamlessly integrates into the UFED family of products:
• The extraction is carried out via the UFED and the Enhanced Phone Adapter using Cellebrite's proprietary boot loaders, ensuring a forensically sound process
• Decoding, analysis and reporting are carried out through the UFED Physical Analyzer covering user code (lock password), contacts, call logs, images, videos, deleted data and much more from Chinese mobile devices

UFED CHINEX Kit contents: Enhanced Phone Adapter, USB cable, 2 adapter cables, generic adapter cable, 32 connectivity tips and a step-by-step guide.

The UFED CHINEX is an add-on to UFED Ultimate and requires a license update for UFED and UFED Physical Analyzer.

Upgrade to UFED Ultimate and get UFED CHINEX at a special rate.

contact us at forensicsales@cellebriteusa.com

Special Offer!
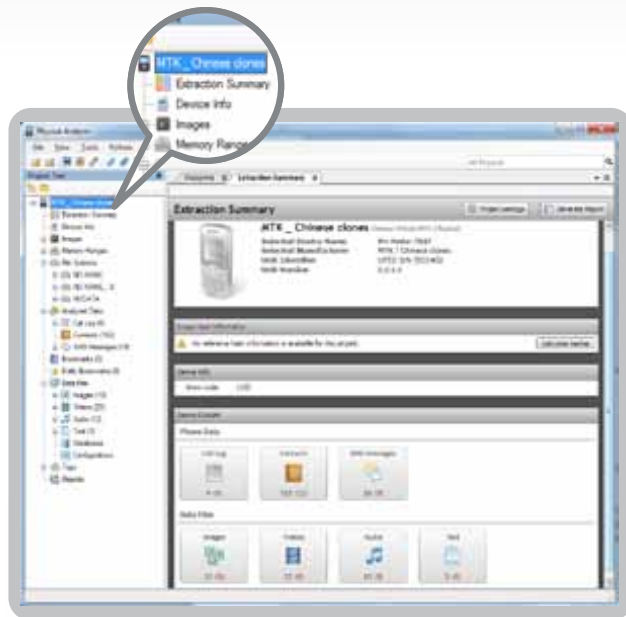
Android File System Extraction and Decoding

File system extraction and decoding are now available for dozens of Android devices.

File system extraction is supported for devices running Android versions 1.6, 2.0, 2.1, 2.2 as well as for rooted devices (OS 2.3 and above will be supported in future versions).

Short extraction duration and wide decoding coverage are the benefits of file system extraction. Performing file system extraction takes much less time than performing a full physical extraction.

The file system extraction is carried out via the UFED while the decoding, analysis and reporting are carried out through the UFED Physical Analyzer.

Comprehensive Decoding for Android Devices

New decoding capabilities for Android devices are introduced to the UFED Physical Analyzer. Key capabilities:

• **Revealing pattern lock/PIN** from supported Android physical extractions

• **Ext4 file system reconstruction** – Ext4 file system (fourth extended file system) is being used in new versions of Android OS instead of YAFFS. The UFED Physical Analyzer integrated ExtX plug-in can now reconstruct Ext4 file system for Android devices in addition to Ext2 and Ext3 file systems

• Decoding of additional devices:
  • LG: P990 Optimus X2 Speed
  • Motorola: MB508, MB512, A555, XT610 Droid Pro
  • Sony Ericsson: Xperia X8, Xperia X10, Xperia X10i
  • ZTE: N860 (CDMA), X500 (CDMA)
  • Micromax: A60 Andro

• Timestamps are included as part of the Web Bookmarks information
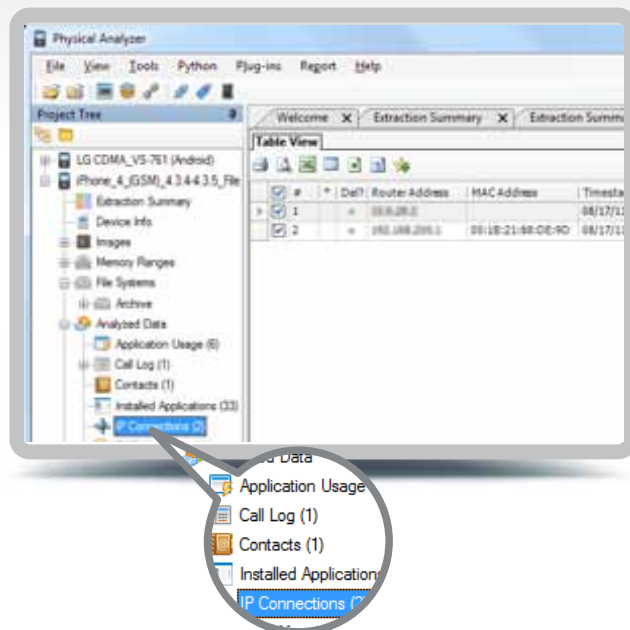
New Supported Applications for Android

Dropbox, Y! Messenger (including contacts, chats and user details), TigerText (including user contacts).

Advanced iOS Decoding

New decoded data from iOS devices is introduced into the UFED Physical Analyzer.

New decoded data:

- **iOS 5 keychain decryption** revealing user passwords for email accounts, websites, wireless networks and more
- Recent email addresses – iOS devices store recently used email addresses for future use. These email addresses are now presented within the contact list under "recently emailed"
- Calendar Attendees – presenting the attendees invited to each calendar entry
- Additional metadata for videos/media files is now decoded from relevant databases
- Embedded pictures found in the address book and MMSs are now available as part of the data files. This is in addition to the presentation within the address book or MMS entities
- Embedded pictures found in the email database are now available as part of the data files. This is in addition to the presentation within the email itself
- IP Connections – The IP connections list contains network details, the IP address of the device and connection timestamps used by the device while connecting to the network

New Supported Applications for iPhone

Waze, Y! Messenger, FourSquare

Enhanced Decoding of LG CDMA Devices

- SMS and MMS decoding is now available for the following devices:

    VX9100, VX7100, LG7100, LG8575, LG9100T, AX310RD, AX8575, UN510, CX9600, LN510, VX8360
- MMS decoding is now available for the following devices:

    AX830, LG260, UN430, UX220, UX245, UX260, UX280, UX300, UX380, VX8550, VX8800, VX9600, VX9900, VN250, VX8560, VX8610, VX9200, VX8500, LG9250, VX5600, VX8350, VX9400, VX5400, VX8575, VX9700, VX8370, LX610, LX290, VX5500, VX8100, VX10000

webOS File System Reconstruction

A new webOS file system plug-in is now available. The plugin enables the user to perform webOS file system reconstruction for relevant devices.

Enhanced UFED Logical Extraction

- MMS messages can now be extracted from smartphone devices as part of the UFED logical extraction
- Enhanced Windows Phone 7.5 Logical extraction to include Multimedia files

New Features in UFED Physical Analyzer 2.4

- Entity bookmarks - enables marking and describing important data found within the extraction. The entity bookmarks are saved as part of the project information and can be presented as part of the report
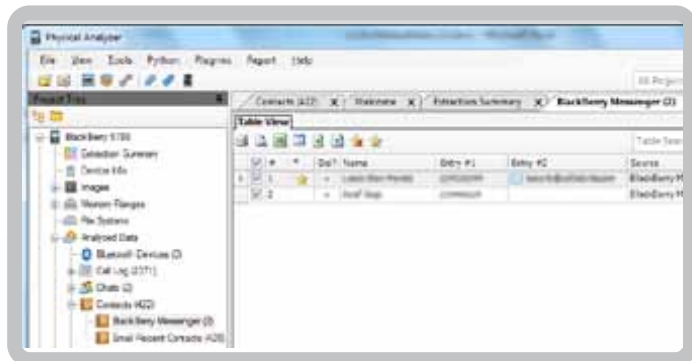
- Embedded video viewer - enables watching video or listening to audio directly from the UFED Physical Analyzer eliminating the need to open the files with an external program

- Enhanced global search – search results include the extractions in which the specific result was found
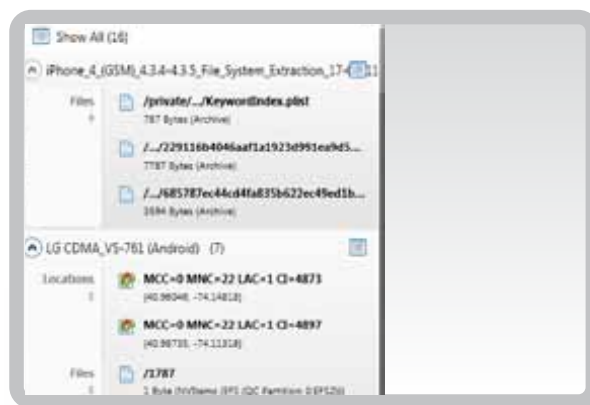
New Manuals

- UFED CHINEX Quick Reference Guide – a step-by-step guide to perform physical extraction from Chinese devices
- BlackBerry Decoding Activation Manual – a step-by-step guide to activate BlackBerry decoding capabilities
- UFED BlackBerry Physical Activation Manual – a step-by-step guide to enable BlackBerry physical extraction capabilities
- Android Physical Extraction FAQ - this document covers the pros and cons of each physical extraction method and answers frequently asked questions

59 New Devices Supported via Logical Extraction

Acer	C6 Liquid Express (Android), E320 Liquid Express (Android)
Alcatel	OT-255, OT-813, OT-813D, 909B One Touch (Android), Juke (Android)
BlackBerry GSM	9380 Curve
Chinese phones	Mojo Chat, iPhone A3, WX181, EX124G, Nexian NX-G508
DELL	V02S Venue Pro
HTC	PI06110 Radar 4G, A7373 Evo Shift 4G, X310e Titan, PI39200 Sensation XL (Android), PG58130 Sensation XE (Android), PH85110 Amaze 4G (Android), PG86310 Evo 3D (Android)
T-Mobile	PI06110 Radar 4G, PH85110 Amaze 4G (Android)
Huawei	M650 (Android)
LG CDMA	LN-272, MS-695 (Android), MS-910 Esteem
LG GSM	P505R (Android), LG P509RD Optimus T(Android), C729 DoublePlay (Android), P925g Optimus 3D (Android)
Motorola CDMA	MB867 Milestone X2 (Android), XT894 Droid 4 (Android)
Motorola GSM	EX124G, WX181, MB526 Defy+ (Android), XT610 Droid Pro (Android)
Nokia GSM	X7 (Rogers), N9, 701
Samsung CDMA	SPH-M370, SPH-D705 Epic 2 (Android), SCH-i815 Galaxy Tab 7.7, SPH-M930 Transform Ultra (Android), SCH-R940 (Android)
Samsung GSM	SGH-T679 Exhibit II 4G (Android), SGH-T989 Galaxy S II (Android), GT-C3222W Ch@t 322, GT-C3500 Cha@t 350, GT-S3850 Corby II
Sony Ericsson	WT13i Mix Walkman (USB), Xperia LT18a Arc S (Android), Xperia LT18i Arc S (Android), Xperia ST17i Active (Android), Xperia WT19i Live (Android), Xperia R800x Play (CellSouth)(Android)
Vodafone	345
ZTE CDMA	V55 (Android), F450 Adamant
ZTE GSM	P736V Crescent (Android)

208 New Devices Supported via Physical Extraction

Acer	E310 Liquid mini (Android)
BlackBerry CDMA	8530 Curve II, 9330 Curve 3, 9370 Curve, 9530 Storm, 9630 Tour, 9850 Torch, 9930 Bold
BlackBerry GSM	8300 Curve, 8110 Pearl, 8700f, 8700v, 8820, 8900 Curve, 9000 Bold, 9105 Pearl 3G, 9300 Curve, 9300 Curve 3G, 9500 Storm, 9520 Storm2, 9530 Storm, 9630 Tour GSM, 9700 Bold, 9700 Onyx, 9780 Bold, 9780 Onyx II, 9800 Torch, 9810 Torch, 9860 Torch, 9860 Monza, 9900 Bold
Chinese phones	Ferrari Ti, Lake Tahoe I, Mini Sidney, Monte Carlo II, Nassau, Phonky, AceMobile LONDON, AceMobile Monterrey, F1, CPPC HY002, HTE G2, Rockstar G2, Rockstar S2, CPPC V2, A3V, WG3, Phone5G P5, iPhone A6, iPhone 4G+++, AirPhone 4GS, iPhone5, A4, cPhone 4, LC C4, A5Q Xperia, A5V Xperia, DAXIAN C5, Alfatel H5A, Micromax Q5 ezpad, WG5, NOKA C6, Daxian V6, TK007, Sansunmg Q7+, CPPQ X7, Micromax Q7 ezpad, NCKIA X7, SICT GF-F8, CPPC JH08, SUNUP TK008, Nokia N8 IDEM, OPOPO Q8, Mphone Q8, Q8 Watch Phone, SUNUP QV8, Chanchonc V008, G7 G-TIDE, iPhone i9, G9 G-TIDE, Toshibo V9+, Korean Z9, WG9, BT10 Beta, LG X10, OPQC F16, HOTOLO N18, SUNY ERICSSOM T18, Hte G20, G28 G-Tide, JAGA V30A, M55 G'Five, obbc V058, DAXIAN DX F60, E62 iPro, Nokia E66, Nokia E66i, Nokia E71i, Nokia E79, JAGA V78B, Mctorcla K080, Nokia E81 TV mobile, MCTCRCLA X81, NCKIA N86, NOKLA N86, Nokla N95, Leady MM95, MM96 Leady, N96i Smadl, Nokia N98, ShengBao 98, Nokla N99, MOCTOROLA U99, SUNUP GXT100, ZONDA, MKN110Z, T106i, BKK 111, Mini Iphone 168 Hello Kitty, BESWIN BS218, ZTE R222, Micromax X265, RM-266V, SICT GD276, S300 SpiderMan, Zonda ZMUR300, NCBC U303, DORO PhonrEasy 345, PCD GPT380CTE, G3 KE02, AIKESI LU C5-05, DORO PhonrEasy 410, Nexian NX-G508, Haier HG-M510, BBR I520, K520, KISS 520, G-tide W520, 528 Giorgio Armami, JUGATE ZJ587, BESWIN F589, G-tide l600, GIHCE M600, Shaop KN608, Zonda ZMTN615, DAXIAN HX618, DCCA S630, PCD C655 9, CPPC GD688, Nokia L700, JinPeng A718, RRK i730, MCTOROLA V768, MT-F777, AINKIN S798, DCCV S800, BBR 802, MOTOPOLA M810, SUNUP HK811, G838 G-TIDE, Sunup K858, YEPEN YP960, Jugate ZJ965, JUGATE ZJ983, DOOV S990, JUGATE U1666, TV-1800, JUGATE Z2000, 2008 Nktel, ZTC ZT2008, K-TOUCH T230 G3, W3000, SICT GD3112, SD3600, W5000, Jugate Z5588, JUGATE Z5606, JUGATE Z5678, Huawei G5730, Nokia 5800, D6000, X6000, W6000, SICT GS6119, SUNUP AMG6900, iPhone G8000 Star, Jugate Z8811, BlackBerry C9000, BlackBerry 9000C+, JUGATE Z9689, Blackberry 9800, Blackberry H9800, JUGATE Z9986, ZTE CUTE, JAGA T20, JAGA V30B, JAGA V30J, Nokia Mini E75, JAGA V78C, K-TOUCH T200
HTC	A9192 Inspire 4G (Android), PD98120 Inspire 4G (Android)
Kyocera CDMA	S3015 Brio, E4210 DuraCore, E4255 DuraMax
LG CDMA	MS-695 (Android)
ZTE CDMA	N910
ZTE GSM	CARL (Android)

118 New Devices Supported via File system Extraction

Acer	S120 Liquid MT(Android), E310 Liquid mini (Android), E400 BeTouch (Android)
BlackBerry CDMA	9350 Curve
BlackBerry GSM	9380 Curve
Dell	XCD28 (Android), XCD35 (Android)
Dopod	A6388 (Android), A8188 (Android)

118 New Devices Supported via File system Extraction (Cont.)

HTC	Desire Z (Android),Tattoo (Android),G2 (Android), myTouch 3G (Android), myTouch 3G Slide (Android), myTouch 4G Glacier (Android), A810a ChaCha (Android), PH06130 Status (Android), 6200 Droid Eris (Android), ADR6225 (Android), 6230 WildFire (Android), 6275 Desire CDMA (Android), 6285 Hero S (Android), ADR6300 Incredible (Android), 6320 kingdom (Android), ADR6325 Merge (Android), ADR6330 Rhyme (Android), ADR6350 Droid Incredible 2 (Android), A6366 Aria (Android), ADR6400L Thunderbolt (Android), ADR6425 Rezound (Android), A9191 Desire HD (Android), A9292 EVO 4G (Android), D20822 Marvel (Android), PG41200 Evo View 4G (Android), PH44100 Evo Design 4G (Android), PG76210 Wildfire (Android), PD98120 Inspire 4G (Android)
Huawei	S7 Ideos (Android), M635 Pinnacle, M836, M860 Ascend (Android), M860SE (Android), M886 Glory (Android), U8150 Ideos (Android), U8500 (Android), U8650 (Android), U8800 Impulse 4G (Android), U8160 (Android)
LG CDMA	MS-695 (Android), VS-910 Revolution (Android), AS740, US670, US760, LS VS700 Enlighten, LW-690 (Android)
LG GSM	P990 Optimus X2 Speed (Android), P999 GX2 (Android), P925
Micromax	A60 Andro (Android)
Motorola CDMA	MB512 Picasso (Android), A555 Devour (Android), XT609 Milestone Plus (Android), XT610 Droid Pro (Android), MB612 XPRT (Android), MB810 Droid X (Android), XT865 Droid Bionic (Android), A956 Droid 2 Global (Android)
Motorola GSM	MILESTONE 2 (Android), MB502 Charm (Android), MB508 Flip Side (Android), MB511 FlipOut (O2) (Android), MB525 Defy (Android), XT610 Droid Pro (Android), MB611 Cliq 2 (Android), XT702 (Android), XT720 Milestone (Android)
Nokia GSM	C2-02, C2-03, F1 Ike, X2-01, Lumia 800, 3602S, 3711a-1, 5330, 6288, 6303c, 6303ci, 6555
Pantech	P8000 Crossover (Android), TXT8045
Samsung CDMA	SPH-M580 Replenish (Android), SCH-i800 Galaxy Tab (Android), SPH-M820 Galaxy Prevail (Android), SCH-R915 (Android), YP-G1 Yepp (Android), YP-GB70 Yepp (Android)
Samsung GSM	SGH-T589 Gravity Smart (Android), SGH-T839 Sidekick 4G (Android), SGH-i857 Doubletime (Android), SGH-i897 Captivate (Android), SGH-T959 Vibrant (Android), GT-P1000 (Android), GT-i5500 Europa Galaxy 5 (Android), GT-i5503T (Android), GT-S5570 Galaxy Mini (Android), GT-S5660 Galaxy Gio (Android), GT-S5830 Ace (Android), GT-i9000 Galaxy S (Android), GT-i9001 Galaxy S Plus (Android)
Sharp	ADS1 (Android)
Sony Ericsson	Xperia X10 mini (Android), Xperia X10i (Android)
Videocon	V7500 Zeus (Android)
ZTE CDMA	N910, N860 (Android)
ZTE GSM	San Francisco P729J, V9 Optus MyTab (Android)

4 New Devices Supported via Password Extraction

Huawei	M615, M836
Nokia GSM	6288
Pantech	TXT8045

Cellebrite UFED Software Download & Upgrade Instructions

UFED v. 1.1.9.0 Firmware Update

Firmware Update Instructions

UFED Physical Analyzer 2.4

iPhone Physical User Manual

UFED Phone Detective 1.1.2

UFED CHINEX Quick Reference Guide

UFED Phone Detective Activation

Android Physical Extraction FAQ

Microsoft .Net Framework 4

UFED Supported Devices

BlackBerry

BlackBerry Support Package

UFED BlackBerry physical activation manual

Request for BlackBerry physical license

UFED Physical Analyzer BlackBerry decoding activation manual

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